

Product datasheet for **RG239460**

PAPOLA (NM_001293627) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAPOLA (NM_001293627) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PAPOLA
Synonyms:	PAP; PAP-alpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG239460 representing NM_001293627.
Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
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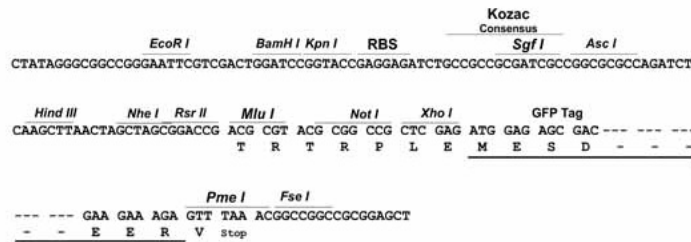
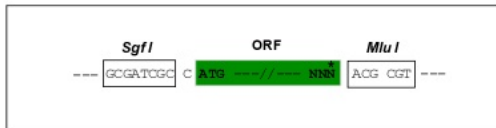
Protein Sequence: >Peptide sequence encoded by RG239460
 Blue=ORF Red=Cloning site Green=Tag(s)

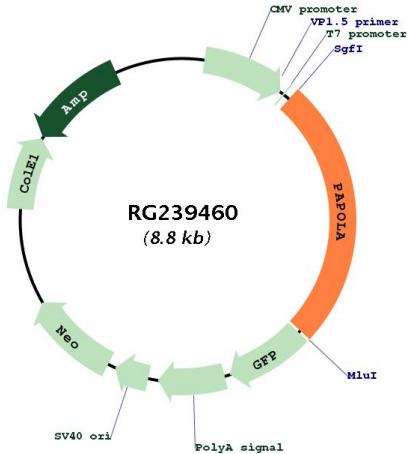
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Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:


ACCN:	NM_001293627
ORF Size:	2232 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
RefSeq:	NM_001293627.1 , NP_001280556.1
RefSeq Size:	4539 bp
RefSeq ORF:	2235 bp
Locus ID:	10914
UniProt ID:	P51003
Cytogenetics:	14q32.2
Protein Families:	Transcription Factors
Protein Pathways:	RNA degradation
MW:	83.1 kDa

Gene Summary:

The protein encoded by this gene belongs to the poly(A) polymerase family. It is required for the addition of adenosine residues for the creation of the 3'-poly(A) tail of mRNAs. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]